BACHELOR OF ARTS WITH A MAJOR IN SPEECH, LANGUAGE, AND HEARING SCIENCES

REQUIREMENTS

The bachelor of arts degree program in speech, language, and hearing sciences is a major that enables students to explore the intricacies of language, its structure and use; the phenomenon of speech production; the translation of sound into meaning; and how the human brain accomplishes these remarkable feats. The major offers three concentrations that allow students to pursue a focused or more individualized course of study. Many students with undergraduate degrees in speech, language, and hearing sciences pursue graduate professional education for careers as speech-language pathologists or audiologists. These students typically enroll in the communication sciences and disorders concentration (speech-language pathology) or the hearing and deafness concentration (audiology). The language and communication sciences concentration allows students to select a broad range of career directions after graduating from the undergraduate program, including, but not limited to, education, linguistics, medicine, and public health. A minor in speech, language, and hearing sciences is available for students who wish to explore these areas in less detail or to complement a different major.

The following requirements must be fulfilled for the major:

The general requirements stated under Columbian College of Arts and Sciences, Undergraduate Programs (http://bulletin.gwu.edu/arts-sciences/#degreeregulationstext).

Program-specific curriculum:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Required (20 credits)</strong></td>
<td></td>
</tr>
<tr>
<td>SPHR 1071</td>
<td>Foundations of Human Communication</td>
<td></td>
</tr>
<tr>
<td>SPHR 2101</td>
<td>Research Methods</td>
<td></td>
</tr>
<tr>
<td>SPHR 2131</td>
<td>Language Acquisition and Development</td>
<td></td>
</tr>
<tr>
<td>SPHR 2135</td>
<td>Language: Structure, Meaning, and Use</td>
<td></td>
</tr>
<tr>
<td>SPHR 2136</td>
<td>Phonetics</td>
<td></td>
</tr>
<tr>
<td>SPHR 4118W</td>
<td>Senior Research Seminar in Communication Sciences and Disorders</td>
<td></td>
</tr>
<tr>
<td>STAT 1053</td>
<td>Introduction to Statistics in Social Science</td>
<td></td>
</tr>
</tbody>
</table>

Students must complete a concentration in either communication sciences and disorders, hearing and deafness, or language and communication sciences.

**Communication Sciences and Disorders Concentration**

These additional courses are needed to complete the concentration in communication sciences and disorders:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Required</strong></td>
<td></td>
</tr>
<tr>
<td>SPHR 2104</td>
<td>Speech and Language Disorders</td>
<td></td>
</tr>
<tr>
<td>or SPHR 2104W</td>
<td>Speech and Language Disorders</td>
<td></td>
</tr>
<tr>
<td>SPHR 2105</td>
<td>Anatomy and Physiology for Speech and Hearing</td>
<td></td>
</tr>
<tr>
<td>SPHR 2106</td>
<td>Neural Substrates of Speech, Language and Hearing</td>
<td></td>
</tr>
<tr>
<td>SPHR 2107</td>
<td>Acoustics</td>
<td></td>
</tr>
<tr>
<td>SPHR 2108</td>
<td>Introduction to Audiology</td>
<td></td>
</tr>
<tr>
<td>SPHR 4119</td>
<td>Analysis and Modification of Communication Disorders</td>
<td></td>
</tr>
</tbody>
</table>

Two electives from the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPHR 1072</td>
<td>Multicultural Issues in Human Communication</td>
<td></td>
</tr>
<tr>
<td>SPHR 1081 &amp; SPHR 1082</td>
<td>American Sign Language I and American Sign Language II</td>
<td></td>
</tr>
<tr>
<td>SPHR 2132</td>
<td>Literacy</td>
<td></td>
</tr>
<tr>
<td>SPHR 2133</td>
<td>Autism</td>
<td></td>
</tr>
<tr>
<td>SPHR 3116</td>
<td>Brain and Language</td>
<td></td>
</tr>
</tbody>
</table>

**Hearing and Deafness Concentration**

These additional courses are needed to complete the concentration in hearing and deafness:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Required</strong></td>
<td></td>
</tr>
<tr>
<td>SPHR 1081</td>
<td>American Sign Language I</td>
<td></td>
</tr>
<tr>
<td>SPHR 1084</td>
<td>Perspectives in Deaf Culture</td>
<td></td>
</tr>
<tr>
<td>SPHR 2106</td>
<td>Neural Substrates of Speech, Language and Hearing</td>
<td></td>
</tr>
<tr>
<td>SPHR 2107</td>
<td>Acoustics</td>
<td></td>
</tr>
</tbody>
</table>
GENERAL EDUCATION

G-PAC approved courses, Dean’s Seminars and Colloquia may be available for registration as listed on the CCAS Advising website (https://advising.columbian.gwu.edu/general-education-courses).

In addition to the University General Education Requirement, undergraduate students in Columbian College must complete a further, College-specific general education curriculum—Perspective, Analysis, Communication, or G-PAC. Together with the University General Education Requirement, G-PAC engages students in active intellectual inquiry across the liberal arts. Students achieve a set of learning outcomes that enhance their analytical skills, develop their communication competencies, and invite them to participate as responsible citizens who are attentive to issues of culture, diversity, and privilege.

Coursework for the University General Education Requirement is distributed as follows:

- Writing—one approved course in university writing and two approved writing in the disciplines (WID) courses.
- Humanities—one approved course in the humanities that involves critical or creative thinking skills.
- Mathematics or Statistics—one approved course in either mathematics or statistics.
- Natural or Physical Science—one approved laboratory course that employs the process of scientific inquiry.
- Social Sciences—two approved courses in the social sciences.

Coursework for the Columbian College general education curriculum is distributed as follows:

- Arts—one approved course in the arts that involves the study or creation of artwork based on an understanding or interpretation of artistic traditions or knowledge of art in a contemporary context.
- Global or Cross-Cultural Perspective—one approved course that analyzes the ways in which institutions, practices, and problems transcend national and regional boundaries.
- Humanities—one approved course in the humanities that involves critical thinking skills (in addition to the one course in this category required by the University General Education Requirement).
- Local or Civic Engagement—one approved course that develops the values, ethics, disciplines, and commitment to pursue responsible public action.
- Natural or Physical Science—one approved laboratory course that employs the process of scientific inquiry (in
addition to the one course in this category required by the University General Education Requirement.

- Oral Communication—one course in oral communication.

Certain courses are approved to fulfill the requirement in more than one of these categories.

Courses taken in fulfillment of G-PAC also may be counted toward majors or minors. Transfer courses taken prior to, but not after, admission to George Washington University may count toward the University General Education Requirement and G-PAC, if those transfer courses are equivalent to GW courses that have been approved by the University and the College.

**G-PAC approved courses, Dean’s Seminars and Colloquia may be available for registration as listed on the CCAS Advising website** (https://advising.columbian.gwu.edu/general-education-courses).

**SPECIAL HONORS**

To qualify for graduation with Special Honors, the student must fulfill the general requirements stated under University Regulations, submit an application to the department before the beginning of the senior year, register for at least 1 credit of SPHR 4196 Independent Study, and complete an independent study honors project with distinction. Students must confer with an advisor before beginning the work. A 3.75 grade-point average in the major and overall is required both for acceptance and for graduation with Special Honors.